

**METHOD FOR OPTIMIZING QUALITY OF SERVICE IN A  
DATA TRANSMISSION SESSION BASED ON A  
PREDETERMINED LEVEL OF QUALITY OF SERVICE**

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**ABSTRACT OF THE DISCLOSURE**

A method for optimizing service quality of a communications session is provided. Quality of a communication network (*e.g.*, average packet delay, packet delay variation, and the like) is monitored real time (124). If an actual service quality is less than a desired quality, the system increases the actual quality (134). If, on the other hand, the actual quality is greater than a desired quality, the system either lessens the quality (132) or maintains the higher quality (130). In any case, the customer may be appropriately charged for the actual quality of service received (140).